

## Half Full....Or Half Empty?

Some months ago, we published SFC Stephen A. Krivitsky's handy chart that helps crewmen report how much fuel is still on board in the M1's three fuel tanks. (See "Driver, How Much Fuel Do We Have?," Back Cover, Sept-Oct '96 *ARMOR*.) Some of his colleagues complained that it is not as important to know how much you have as how much you'll need to fill the fuel tanks again, so he recently created a new chart, reproduced here, that calculates how much fuel your tank will require to top up.

The method is the same: The driver reports the status of the right front tank, then the left front tank, and then the rear tank, as:

"Right front....one half. Left front....three quarters....Rear....one half."

The TC starts in the left column, moving down to one-half, then moves right to the next column, going to the three quarter fill line, and then moves to the right to the one half fill column, where he reads the result. In that case, 225 gallons will be needed to completely fill all three tanks.

	LEFT FRONT	REAR				
		E	1/4	1/2	3/4	F
E	EMPTY	505	443	381	319	257
	1/4	476	414	352	290	228
	1/2	450	388	326	264	202
	3/4	424	362	300	238	176
	FULL	398	336	274	212	150
1/4	EMPTY	467	405	343	281	219
	1/4	438	376	314	252	190
	1/2	412	350	288	226	164
	3/4	386	324	262	200	138
	FULL	360	298	236	174	112
1/2	EMPTY	430	368	306	244	182
	1/4	401	339	277	215	153
	1/2	375	313	252	189	127
	3/4	349	287	225	163	101
	FULL	323	261	199	137	75
3/4	EMPTY	393	331	269	207	145
	1/4	364	302	240	178	116
	1/2	338	276	214	152	90
	3/4	312	250	188	126	64
	FULL	286	224	162	100	38
FULL	EMPTY	355	293	231	169	107
	1/4	316	264	202	140	78
	1/2	300	238	176	114	52
	3/4	274	212	150	88	26
	FULL	248	186	124	62	0
FUEL NEEDED						